

Claims

1. Device for treating forage comprising a rotor (17; 5 117) driven in rotation about an axis (17a; 117a), which rotor (17; 117) consists of a support (24; 124) and of at least one conditioning element (23; 123), the said conditioning element (23; 123) comprising at least one active part (26; 126) intended to work the forage 10 and a first connecting part (27; 127) intended to connect the said conditioning element (23; 123) to the said support (24; 124) by means of a first connection, **characterized in** that a second connection is provided, this being intended to connect the said conditioning 15 element (23; 123) to the said support (24; 124) should the said first connection break.

2. Forage treatment device according to Claim 1, **characterized in** that the said conditioning element 20 (23; 123) comprises a second connecting part (29; 129) intended to connect the said conditioning element (23; 123) to the said support (24; 124) by means of the said second connection should the said first connection break.

25 3. Forage treatment device according to Claim 1 or 2, **characterized in** that the said support (24; 124) consists of a tube (38; 138) and of at least one connecting element (25; 125).

30 4. Forage treatment device according to Claim 3, **characterized in** that the said second connection is intended to connect the said conditioning element (23) to the said tube (38) should the said first connection 35 break.

5. Forage treatment device according to Claim 4, **characterized in** that the said second connecting part (29) comprises a body (51) and a head (52), the width

(55) of the said head (52) being greater than the width (53) of the said body (51).

6. Forage treatment device according to Claim 5,
5 **characterized in** that the said body (51) is connected to the said first connecting part (27).

7. Forage treatment device according to any one of Claims 4 to 6, **characterized in** that the said second
10 connecting part (29) extends at least partially inside the said tube (38).

8. Forage treatment device according to Claim 7,
15 **characterized in** that the surface of the said tube (38) has at least one notch (50) allowing the said second connecting part (29) to be introduced at least partially into the said tube (38).

9. Forage treatment device according to Claim 8 taken
20 in combination with Claim 5, **characterized in** that the said notch (50) comprises an entry area (56) the width (57) of which is greater than or equal to the said width (55) of the said head (52).

25 10. Forage treatment device according to Claim 9, or Claim 8 taken in combination with Claim 5, **characterized in** that the said notch (50) has a holding area (58) the width (59) of which is less than the said width (55) of the said head (52) but greater than or
30 equal to the said width (53) of the said body (51).

11. Forage treatment device according to any one of Claims 8 to 10, **characterized in** that the said notch (50) extends in a plane at least substantially
35 perpendicular to the said axis of rotation (17a) of the said rotor (17).

12. Forage treatment device according to any one of Claims 8 to 11, **characterized in** that, viewed in a

direction of rotation (18) of the said rotor (17), the said entry area (56) is arranged forward of the said holding area (58).

5 13. Forage treatment device according to any one of Claims 3 to 12, **characterized in** that the said connecting element (25) is connected removably to the said tube (38).

10 14. Forage treatment device according to any one of Claims 1 to 13, **characterized in** that the said first connection is an articulation (28) of the pivot type.

15 15. Forage treatment device according to Claim 3, **characterized in** that the said second connection is intended to connect the said conditioning element (123) to the said connecting element (125) should the said first connection break.

20 16. Agricultural machine, **characterized in** that it comprises a forage treatment device (14) according to any one of Claims 1 to 15.

25 17. Agricultural machine according to Claim 16, **characterized in** that the said agricultural machine is a mower (1).